



Attorney Docket No. 1405.1073

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re | Patent A _l | oplica | tion of: | |
|--------|--|------------------|--|---|
| Taka | shi OHN | O et a | I. | |
| Appli | cation No | o.: 10 | /633,555 | Group Art Unit: 2157 |
| Filed: | August | 5, 20 | 03 | Examiner: Unassigned |
| Confi | rmation N | No.: 7 | 151 | |
| For: | CLIEN | T ADI | MINISTRATION METHOD AND | DEVICE |
| | | | INFORMATION DISCLOS | SURE STATEMENT |
| PO B | missioner ox 1450 Indria, V <i>F</i> | | | |
| subje | ded certa ct U.S. p | in info atent | ormation which the Examiner ma | ovisions of 37 CFR § 1.56, there is hereby by consider material to the examination of the the Examiner make this information of record oject application. |
| 1. | Enclos | ures a | accompanying this Information [| Disclosure Statement are: |
| | 1a. 1b. | _ | Form PTO-1449. Copy(ies) of IDS citation(s), exc | cept for U.S. Patents and U.S. Patent |
| | 1c. | | Application publications. | nmunication(s) from a foreign Patent Office |
| | 1d. | | or a PCT International Search I English language translation (c attached to non-English langua | Report. omplete, Abstract or relevant portion(s)) ge publications as indicated on the attached |
| | 1e. | \boxtimes | Form PTO-1449. Explanations of Relevancy of Reproviding a concise explanation | References (ATTACHMENT 1(e), hereto) for |
| | 1f. 1g. | | List of Copending Applications | |
| 2. | ☑ This | Inforr | mation Disclosure Statement is f | • () |
| | 20 | | (Check either Item 28 | , |
| | 2a. 2b. | | Within three months of the filing Within three months of the date § 1.491 in an international appl | e of entry of the national stage as set forth in |
| | 2c. 2d. | | Before the mailing of a first Offi | ce Action on the merits; or ce Action after the filing of a Request for |

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| 3. | This Information Disclosure Statement is filed under 37 CFR § 1.97(c) after the period specified in paragraph 2 above but before the mailing date of any of a Final Office Action under § 1.113, a Notice of Allowance under § 1.311 or an action that otherwise closes prosecution in the application, AND | | | | | | |
|----|---|--|--|--|--|--|--|
| | | (Check either Item 3a or 3b; Item 3b to be checked if any reference known for more than 3 months) | | | | | |
| | 3a. | The § 1.97(e) Statement in Item 5 below is applicable; OR The \$180.00 fee set forth in 37 CFR § 1.17(p) is: enclosed. | | | | | |
| | | to be charged to Deposit Account No. 19-3935. | | | | | |
| 4. | | mation Disclosure Statement is filed under 37 CFR § 1.97(d) after the period in paragraph 3 above, but on or before payment of the Issue Fee, AND | | | | | |
| | 4a. ☐ 4b. ☐ | The § 1.97(e) Statement in Item 5 below is applicable; AND The \$180.00 fee set forth in 37 CFR § 1.17(p) is: enclosed. | | | | | |
| | | to be charged to Deposit Account No. 19-3935. | | | | | |
| 5. | Statemen | t under § 1.97(e) (applicable if Item 3a or Item 4a is checked) (Check either Item 5a or 5b) | | | | | |
| | 5a. 🗌 | In accordance with 37 CFR § 1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this | | | | | |
| | 5b. 🗌 | Information Disclosure Statement. In accordance with 37 CFR § 1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. | | | | | |
| 6. | This is a (| continuation/divisional/continuation-in-part application under 37 CFR § | | | | | |
| | | (Check appropriate Items 6a and/or 6b) | | | | | |
| | 6a. 🗌 | Copies of the publications listed on the attached Form PTO-1449 which were previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, have been omitted pursuant to 37 CFR § 1.98(d). | | | | | |
| | 6b. 🗌 | Copies of the publications listed on the attached Form PTO-1449 which were not previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, are provided berewith | | | | | |

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| 7. | | This is a Request for Continued Examination under 37 CFR § 1.114. (Check either Item 7a or 7b) | | | | | | |
|-----|----------|---|---|--|--|--|--|--|
| | | 7a. | The Issue Fee has not been paid. A Petition to Withdraw from issue under 37 CFR § 1.313(c) is filed concurrently herewith or has been granted. A Request for Continued Examination under 37 CFR § 1.114, after payment of the Issue Fee, is proper in accordance with 37 CFR § 1.114(a), respectively. | | | | | |
| 8. | | This is a | Supplemental Information Disclosure Statement. (Check either Item 8a or 8b) | | | | | |
| | | 8a. 🗌 | This Supplemental Information Disclosure Statement under 37 CFR § 1.97(f) supplements the Information Disclosure Statement filed on A bona fide attempt was made to comply with 37 CFR § 1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental IDS can | | | | | |
| | | 8b. 🗌 | be considered as if properly filed on This Supplemental Information Disclosure Statement is timely filed within one (1) month of the Notice under 37 CFR §§ 1.97 and 1.98, mailed | | | | | |
| 9. | | | I to be the relevance of each non-English language publication is: | | | | | |
| | | o- \Box | (Check appropriate Items 9a, 9b, 9c and/or 9d) | | | | | |
| | | 9a. [] | satisfied for the non-English language publication(s) cited on the enclosed "English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, 8th Ed., Rev. 2) | | | | | |
| | | 9b. 9c. | set forth in the application. satisfied for the non-English language publication(s) indicated on the attached Form PTO-1449 as having an English language translation | | | | | |
| | | 9d. 🛛 | (complete or relevant portion(s)) attached thereto. enclosed as Attachment 1(e), hereto. | | | | | |
| 10. | be se | , material arch repo | on is made that the information cited in this Statement is, or is considered to to patentability nor a representation that a search has been made (other than rt(s) from a counterpart foreign application or a PCT International Search bmitted herewith). 37 CFR §§ 1.97(g) and (h). | | | | | |

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11. The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR § 1.17 for this Information Disclosure Statement to Deposit Account No. 19-3935.

Respectfully submitted,

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Registration No. 25,908



EXPLANATIONS OF RELEVANCY OF REFERENCES

| | AIIACHMENI 1(e) |
|----------------------|-----------------|
| ATTORNEY DOCKET NO. | APPLICATION NO. |
| 1405.1073 | 10/633,555 |
| FIRST NAMED INVENTOR | |
| Takashi OHNO et al. | |
| FILING DATE | GROUP ART UNIT |
| August 5, 2003 | 2157 |

Reference AG - as presently advised, Reference AG cited in "Foreign Patent Documents" on Form PTO-1449 corresponds generally in disclosure to Reference AA (U.S. Patent No. 6,205,478).



ATTACHMENT 1(g)

| LIST | OF | ADDI | TIONA | ۱L | SUBMIT | TED |
|------|----|-------------|-------|----|--------|-----|
| | | DO | CUME | N. | TS | |

| ATTORNEY DOCKET NO. | APPLICATION NO. | | | | |
|----------------------|-----------------|--|--|--|--|
| 1405.1073 | 10/633,555 | | | | |
| FIRST NAMED INVENTOR | | | | | |
| Takashi OHNO et al. | | | | | |
| FILING DATE | GROUP ART UNIT | | | | |
| August 5, 2003 | 2157 | | | | |

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT DOCUMENTS

| | | | <u> </u> | | | | |
|----------------------|----|-----------------|----------|------|-------|---------------|----------------|
| *EXAMINER INITIAL | | DOCUMENT NO. | DATE | NAME | CLASS | SUB- CLASS | FILING DATE |
| | AA | | | | | | |
| | AB | | | | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUB- CLASS | TRANSI YES | <u>ATION</u> NO |
|----|-----------------|------|---------|-------|---------------|---------------|--------------------|
| AC | | | | | | | |
| AD | | | | | | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | |
|--|---|--|---|--|--|
| AE | Japanese Office Action, dated April 25, 2006. | | X | | |

| EXAMINER | DATE CONSIDERED |
|---|---|
| *EXAMINER: Initial if document considered, whether or not cit citation if not in conformance and not considered. Include copy of | ation is in conformance with MPEP 609; Draw line through of this form with next communication to applicant. |



Sheet 1 of 1 ATTORNEY DOCKET NO. FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 1405.1073 10/633,555 FIRST NAMED INVENTOR INFORMATION DISCLOSURE STATEMENT Takashi OHNO et al. FILING DATE **GROUP ART UNIT** (Use several sheets if necessary) August 5, 2003 2157 **U.S. PATENT DOCUMENTS** *EXAMINER DOCUMENT SUB-**FILING** INITIAL NO. DATE **CLASS** CLASS DATE NAME AA 6,205, 478 03/20/01 Sugano et al. AB AC AD ΑE AF FOREIGN PATENT DOCUMENTS DOCUMENT NO. **ABSTRACT** DATE **COUNTRY TRANSLATION** NO YES 2000-32033 01/28/00 AG Japan X Х AΗ ΑI AJ AK AL OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) **TRANSLATION** YES NO AM **EXAMINER** DATE CONSIDERED *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to applicant,